## IN THE CLAIMS

1. (Currently Amended) An article manufactured from a composition comprising

about 8 to about 9.75 wt% molybdenum,

about 2.8 to about 6 wt% aluminum,

up to about 2 wt% chromium,

up to about 2 wt% vanadium,

up to about 4 wt% niobium, with the balance being titanium, wherein the weight percents are based on the total weight of the alloy composition; and

wherein the composition is cold worked.

- 2. (Canceled)
- 3. (Currently Amended) The article of Claim 2Claim 1, wherein the composition has an elastic recovery of greater than or equal to about 75% of the applied change in length, when the applied change in length is 2% of the original length.
- 4. (Currently Amended) The article of Claim 2Claim 1, wherein the composition has an elastic recovery of greater than or equal to about 50% of the applied change in length when the applied change in length is 4% of the original length.
- 5. (Currently Amended) The article of Claim 2Claim 1, wherein the composition has a reduction in the elastic modulus of greater than or equal to about 10% when compared with the elastic modulus of an equivalent heat treated composition.
- 6. (Currently Amended) The article of Claim 2Claim 1, wherein the composition has a reduction in the elastic modulus of greater than or equal to about 20% when compared with the elastic modulus of an equivalent heat treated composition.

- 7. (Currently Amended) The article of Claim 2Claim 1, wherein the composition has a reduction in the elastic modulus of greater than or equal to about 25% when compared with the elastic modulus of an equivalent heat treated composition.
- 8. (Original) The article of Claim 1, wherein the composition has a  $\beta$  phase or an  $\alpha$  phase and a  $\beta$  phase.
  - 9. (Original) The article of Claim 1, wherein the article is a medical device.
- 10. (Original) The article of Claim 1, wherein the medical device is a stent or a guide wire.
  - 11. (Original) The article of Claim 1, wherein the medical device has a welded joint.
  - 12. (Original) The article of Claim 1, wherein the medical device has a weld.
- 13. (Original) The article of Claim 1, wherein the article comprises an orthodontic arch wire, a dental implant, an orthopedic device or an eyewear frame.
  - 14. (Original) The article of Claim 13, wherein the orthopedic device is used in bone.
- 15. (Original) The article of Claim 1, wherein the orthopedic device is used in the hip, knees, shoulder, elbows, or spine.
- 16. (Original) The article of Claim 1, wherein the article comprises at least a portion of a golf club.
- 17. (Original) The article of Claim 14, wherein the article is welded or brazed to the golf club.
  - 18. (Original) The article of Claim 1, wherein the article comprises a golf club head.
- 19. (Original) The article of Claim 1, wherein the article comprises an insert for a golf club head.

- 20. (Original) The article of Claim 19, wherein the insert is welded, brazed or mechanically inserted onto the golf club head.
- 21. (Original) The article of Claim 20, wherein the insert is held in the golf club head by a tight toleranced fit.
  - 22. (Original) The article of Claim 1, wherein the article has a welded joint.
  - 23. (Original) The article of Claim 1, wherein the article has a brazed joint.
- 24. (Original) The article of Claim 1, wherein the article further comprises a portion having linear elastic properties.
- 25. (Original) The article of Claim 1, wherein the article further comprises a polymeric coating.
- 26. (Currently Amended) An article manufactured from a composition comprising: about 8.9 wt% molybdenum, about 3.03 wt% aluminum, about 1.95 wt% vanadium, about 3.86 wt% niobium, with the balance being titanium, wherein the composition is cold worked.
  - 27. (Original) The article of Claim 26, wherein the article is a medical device.
- 28. (Original) The article of Claim 26, wherein the medical device is a stent, a catheter introducer, a dental implant, a guide wire, an orthodontic arch wire, an orthopedic device used in bones or tissue, or an eyewear frame.
- 29. (Original) The article of Claim 26, wherein the article comprises at least a portion of a golf club.
  - 30. (Original) The article of Claim 26, wherein the article comprises a golf club head.
- 31. (Original) The article of Claim 26, wherein the article comprises an insert for a golf club head and further wherein the insert is welded or brazed to the golf club head.

- 32. (Original) The article of Claim 26, wherein the article has a welded joint.
- 33. (Original) The article of Claim 26, wherein the article has a soldered joint.
- 34. (Original) The article of Claim 26, wherein the article further comprises a portion having linear elastic properties.
- 35. (Original) The article of Claim 26, wherein the article further comprises a portion having pseudoelastic or superelastic properties.
- 36. (Original) The article of Claim 26, wherein the article further comprises a polymeric coating.
- 37. (Currently Amended) An article manufactured from a composition comprising: about 9.34 wt% molybdenum, about 3.01 wt% aluminum, about 1.95 wt% vanadium, about 3.79 wt% niobium, with the balance being titanium, wherein the composition is cold worked.
- 38. (Original) The article of Claim 37, wherein the medical device is a stent, a guide wire, a dental implant, an orthodontic arch wire, an orthopedic device for bone and/or tissue, or an eyewear frame.
  - 39. (Original) An article manufactured by a method comprising:

forming a shape from a composition comprising about 8 to about 10 wt% molybdenum, about 2.8 to about 6 wt% aluminum, up to about 2 wt% chromium, up to about 2 wt% vanadium, up to about 4 wt% niobium, with the balance being titanium, wherein the weight percents are based on the total weight of the alloy composition;

cold working the shape; and

solution heat treating the shape.

- 40. (Previously Presented) The article of Claim 39, wherein the solution heat treating is conducted at a temperature below the isomorphic temperature for the composition.
- 41. (Previously Presented) The article of Claim 39, wherein the solution heat treating is conducted at a temperature above the isomorphic temperature for the composition.
- 42. (Previously Presented) The article of Claim 41, wherein the shape is further cooled in air.
- 43. (Previously Presented) The article of Claim 39, wherein the shape is further heat aged at a temperature of about 350 to about 550°C.
- 44. (Previously Presented) The article of Claim 39, wherein the heat ageing is conducted for a time period of 10 seconds to about 30 minutes.
  - 45. (Original) An article manufactured by a method comprising:

cold working a wire having a composition comprising about 8 to about 10 wt% molybdenum, about 2.8 to about 6 wt% aluminum, up to about 2 wt% chromium, up to about 2 wt% vanadium, up to about 4 wt% niobium, with the balance being titanium, wherein the weight percents are based on the total weight of the alloy composition.

- 46. (Original) The article of Claim 45, wherein the wire diameter is about 0.1 to about 10 millimeters.
  - 47. (Original) The article of Claim 45, wherein the article has a martensitic structure.
- 48. (Original) The article of Claim 45, wherein the article has an elastic recovery of greater than or equal to about 75% of the applied change in length when the applied change in length is 2% of the original length.
- 49. (Original) The article of Claim 45, wherein the article has an elastic recovery of greater than or equal to about 50% of the applied change in length when the applied change in length is 4% of the original length.

- 50. (Original) The article of Claim 45, wherein the article is a medical device.
- 51. (Original) The article of Claim 45, wherein the medical device is a stent, a dental implant, a guide wire, an orthodontic arch wire, an orthopedic device used in bone and/or tissue, or an eyewear frame.
- 52. (Original) The article of Claim 45, wherein the article is used as a file or a drill in dental applications.
- 53. (Original) The article of Claim 45, wherein the article comprises an insert for a golf club head and further wherein the insert is welded or brazed to the golf club head.